



Form PTO-1449 (Rev. 6-98)

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.  
**18704-011**

Serial No.  
**09/589,500**

Applicant

**Yemini**

Filing Date  
**6/7/00**

Group Art Unit  
**2761**

## INFORMATION DISCLOSURE STATEMENT

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### U.S. PATENT DOCUMENTS

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### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|           |                                                                                                                                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>CF</i> | Kohl and Neuman, "The Kerberos Network Authentication Service (V5), " RFC 1510, Sept. 1993                                                                                                                                                          |
| <i>CF</i> | Needham, FL, and VL Schroeder "Using Encryption for Authentication in Large Networks of Computers," Communications of ACM, Vol. 21, Dec. 1978, pp. 993-9                                                                                            |
| <i>CF</i> | Ilgun, Kemmerer, and Porras, "State Transition Analysis: A Rule-based Intrusion Detection Approach," IEEE Transactions on Software Engineering, 21(3), pp. 181-199, March 1995                                                                      |
| <i>CF</i> | Lunt, Tamaru, et al., "A Real-time Intrusion Detection Expert System (IDES) -final technical report," Technical Report, Computer Science Laboratory, SRI International, Feb. 1992                                                                   |
| <i>CF</i> | Bellare, Garay, et al., "iKP -A family of secure electronic payment Protocols," First USENIX Workshop on Electronic Commerce, pp. 89-106, July 1995                                                                                                 |
| <i>CF</i> | Jarecki, Odlyzko, "An Efficient Micropayment System Based on Probabilistic Polling," in Proc. of Financial Cryptography '97, R. Hirschfeld, ed., Lecture Notes in Computer Science, Springer, 1997                                                  |
| <i>CF</i> | Manasse, "The Millicent protocols for electronic commerce," Proceedings of the first USENIX Workshop on Electronic Commerce, July 1995                                                                                                              |
| <i>CF</i> | Pedersen, "Electronic Payment of Small Amounts " Cambridge Workshop of 1996                                                                                                                                                                         |
| <i>CF</i> | "Secure Electronic Transactions: Credit Card Payment on the Web in Theory and Practice, " IBM International Technical Support Organization, June 1997                                                                                               |
| <i>CF</i> | Sairamesh, J., D. Ferguson, and Y. Yemini "An Approach to Pricing, Optimal Allocation and Quality of Service Provisioning in High-speed Packet Networks, " in Proc. of the Conference on Computer Communications, Boston, Massachusetts, April 1995 |

|           |                 |
|-----------|-----------------|
| Examiner  | Date Considered |
| <i>CF</i> | <i>12/10/03</i> |

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| Applicant<br><b>Yemini</b>                                                              |  |                                         |                                 |
| Filing Date<br><b>6/7/00</b>                                                            |  | Group Art Unit<br><b>2132</b>           |                                 |
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### U.S. PATENT DOCUMENTS

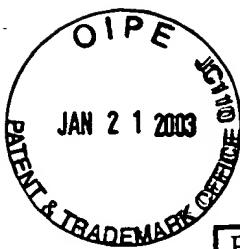
| Examiner Initial | Document Number | Date | Name | Class | Sub Class |
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### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|                                        |                                                                                                                                                                                                                        |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CLT</b><br><b>CLT</b><br><b>CLT</b> | Mark S. Manasse, "The Millicent Protocols for Electronic Commerce,"<br>www.usenix.org, July 1995                                                                                                                       |
|                                        | Stanislaw Jarecki and Andrew Odlyzko, "An Efficient Micropayment System Based on Probabilistic Polling," in Proc. of Financial Cryptography '97, R. Hirschfeld, ed., Lecture Notes in Computer Science, Springer, 1997 |
|                                        | Mihir Bellare, et al. "iKP – A Family of Secure Electronic Payment Protocols," USENIX Workshop on Electronic Commerce, May 8, 1995.                                                                                    |
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT</b><br>(Use several sheets if necessary)                                                                                                                                                               |                 |   |   |   |   |   |   | Applicant<br><b>Yemini</b>              |                                         |       |           |             |    |
|                                                                                                                                                                                                                                                |                 |   |   |   |   |   |   | Filing Date<br><b>6/7/00</b>            | Group Art Unit<br><b>2132</b>           |       |           |             |    |
| <b>U.S. PATENT DOCUMENTS</b>                                                                                                                                                                                                                   |                 |   |   |   |   |   |   |                                         |                                         |       |           |             |    |
| Examiner Initial                                                                                                                                                                                                                               | Document Number |   |   |   |   |   |   | Date                                    | Name                                    | Class | Sub Class |             |    |
| <i>CT</i>                                                                                                                                                                                                                                      | 6               | 4 | 5 | 3 | 3 | 0 | 5 | 9/17/02                                 | Glassman et al.                         |       |           |             |    |
| <i>CT</i>                                                                                                                                                                                                                                      | 6               | 3 | 3 | 8 | 0 | 4 | 6 | 1/8/02                                  | Saari et al.                            |       |           |             |    |
| <i>CT</i>                                                                                                                                                                                                                                      | 6               | 4 | 2 | 7 | 1 | 4 | 0 | 7/30/02                                 | Ginter et al.                           |       |           |             |    |
|                                                                                                                                                                                                                                                |                 |   |   |   |   |   |   |                                         |                                         |       |           |             |    |
| <b>FOREIGN PATENT DOCUMENTS</b>                                                                                                                                                                                                                |                 |   |   |   |   |   |   |                                         |                                         |       |           |             |    |
| Examiner Initial                                                                                                                                                                                                                               | Document Number |   |   |   |   |   |   | Date                                    | Country                                 | Class | Sub Class | Translation |    |
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| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>                                                                                                                                                                  |                 |   |   |   |   |   |   |                                         |                                         |       |           |             |    |
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| Examiner                                                                                                                                                                                                                                       |                 |   |   |   |   |   |   | Date Considered                         | <del><i>CT</i></del><br><b>12/10/03</b> |       |           |             |    |
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### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|                        |                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>lf</i><br><i>lf</i> | "Network Security. Private Communication in a PUBLIC World," Charlie Kaufman et al., Prentice Hall series in computer networking and distributed systems, 1994, pages 177-203 |
|                        | "Firewalls and Internet Security. Repelling the Wily Hacker," Second Edition, William Cheswick et al., Addison-Wesley, Reading, Mass. 1995, pages 175-232                     |
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